

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Burbank et al.

Serial No.: Not yet assigned

Filed: Submitted herewith

For: HEMOFILTRATION SYSTEM

Group Art Unit: Not yet assigned

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST
AND REVOCATION OF PRIOR POWERS**

Commissioner for Patents
Washington, D.C. 20231

Sir:

I, James M. Brugger, Vice President of NxStage Medical, Inc., as representative of the Assignee of record of the entire interest of the above application, hereby revoke all powers of attorney previously given and appoint the following attorneys and/or agents to prosecute and transact all business in the United States Patent and Trademark Office, and in countries other than the United States, and to do all things necessary or appropriate therefor before any competent International Authorities in connection with any international patent application(s) corresponding to the above-identified application, all of the registered practitioners identified by Customer Number 22249:

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Please send all correspondence to the attention of John Kappos, at the above Customer
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Recorded in PTO: Reel 011315, Frame 0160, on November 13, 2000

In conformance with 37 C.F.R. §3.73(b), I hereby certify that all documents in connection
with the chain of title have been reviewed, and to the best of my knowledge, all right, title and
interest is in the above-identified Assignee.

Dated: 27-Jun-01

By: James M. Brugger

James M. Brugger
Vice President

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